

 <p><b>AMENDMENT UNDER 37 C.F.R. §1.111</b></p> <p>Address: Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450</p>	Attorney Docket No.	BERK-016CIP
	Confirmation No.	3105
	First Named Inventor	MELIS, ANASTASIOS
	Application Number	10/762,769
	Filing Date	January 21, 2004
	Group Art Unit	1652
	Examiner Name	Raghu, Ganapathiram
	Title:	"MODULATION OF SULFATE PERMEASE FOR PHOTOSYNTHETIC HYDROGEN PRODUCTION"

Sir:

This amendment is responsive to the Office Action dated April 7, 2006 for which a three-month period for response was given making this response due on or before July 7, 2006. In view of the amendments to the claims and the remarks put forth below, reconsideration and allowance are respectfully requested.

**Amendments to the Specification** begin on page 2 of this paper.

**Amendments to the Drawings** begin on page 3 of this paper.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 4 of this paper.

**Remarks/Arguments** begin on page 5 of this paper.